

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Edwin Southern

Serial No. 09/422,804

Filed October 22, 1999



: Group Art Unit 1631

: Examiner A. Marschel

ANALYSING POLYNUCLEOTIDE SEQUENCES

#10/C  
Plunkett  
9/14/01  
**RECEIVED**

AUG 31 2001  
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AMENDMENT

Assistant Commissioner for Patents,  
Washington, D.C.

Sir:

Responsive to the Official Action dated February 28, 2001, the time for responding thereto being extended for three months in accordance with a petition for extension submitted concurrently herewith, please amend the above-identified application as follows:

IN THE CLAIMS

*Kindly amend the claims as follows:*

C<sup>1</sup> 18. (Amended) An array of oligonucleotides comprising a support having a surface to which the oligonucleotides are attached, wherein oligonucleotides having different nucleotide sequences are attached at between 72 and  $1.1 \times 10^{12}$  different known locations on the surface of the support.

C<sup>2</sup> 38. (Amended) The array of claim 17, wherein the oligonucleotides having different nucleotide sequences are attached from 72 to  $1.1 \times 10^{12}$  different locations on the surface of the support.